

PMC-EF2a

(20102)

**U.S. DEPARTMENT OF ENERGY
EERE PROJECT MANAGEMENT CENTER
NEPA DETERMINATION**



RECIPIENT: Minnesota Office of Energy Security SEP ARRA

STATE: MN

PROJECT TITLE : SEP - Combined Heat & Power - Met Council

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
DE FOA 0000052	EE0000164	GFO-0000164-012	0

Based on my review of the information concerning the proposed action, as NEPA Compliance Officer (authorized under DOE Order 451.1A), I have made the following determination:

CX, EA, EIS APPENDIX AND NUMBER:

Description:

B5.1 Actions to conserve energy, demonstrate potential energy conservation, and promote energy-efficiency that do not increase the indoor concentrations of potentially harmful substances. These actions may involve financial and technical assistance to individuals (such as builders, owners, consultants, designers), organizations (such as utilities), and state and local governments. Covered actions include, but are not limited to: programmed lowering of thermostat settings, placement of timers on hot water heaters, installation of solar hot water systems, installation of efficient lighting, improvements in generator efficiency and appliance efficiency ratings, development of energy-efficient manufacturing or industrial practices, and small-scale conservation and renewable energy research and development and pilot projects. The actions could involve building renovations or new structures in commercial, residential, agricultural, or industrial sectors. These actions do not include rulemakings, standard-settings, or proposed DOE legislation.

Rational for determination:

The Metropolitan Council Environmental Services is proposing to use \$200,000 in SEP funding for the installation of a 750 kilowatt non-condensing steam turbine generator in the Solids Management Building at the Metro Wastewater Treatment Plant (WWTP).

Currently, the steam is sent to either an existing 4 megawatt condensing steam turbine generator or a set of pressure reducing valves. The pressure drop results in a loss of energy across the pressure reducing valves. Installation of the 750 kW non-condensing steam turbine generator will allow use of the energy released due to the steam pressure drop.

All aspects of the proposed project will occur inside an existing building and the new equipment will be installed on existing equipment. No new construction or expansion of the existing building will occur as a result of the project.

The facility has an existing air permit which will not need modification to accommodate the proposed project. The existing air permit is Metro Title V Air Permit 12300053-006

Waste Stream Requirements

Prior to the expenditure of Federal funds to implement any of the above-mentioned activities, the State of Minnesota has the affirmative responsibility to ensure or certify that it has been provided by its sub-recipients a waste management plan addressing waste generated by their proposed actions. The plan will describe the sub-recipients plan to dispose of any sanitary or hazardous waste, e.g. construction and demolition debris, old light bulbs, lead ballasts, piping, roofing materials, discarded equipment, debris, asbestos, etc. generated as a result of the proposed project. The sub-recipients must ensure that it will comply with all federal, state and local regulations for waste disposal.

NHPA Requirements

Prior to the expenditure of Federal funds to implement any of the above activities, the State of Minnesota has the affirmative responsibility to ensure the sub-recipient is in compliance with Sec. 106 of the National Historic Preservation Act (NHPA), consistent with DOE's 2009 letter of delegation of authority regarding the NHPA. If applicable, the sub-recipient must contact the State Historic Preservation Officer.

This project is consistent with activities outlined in B5.1; therefore, it is categorically excluded from further NEPA review.

NEPA PROVISION

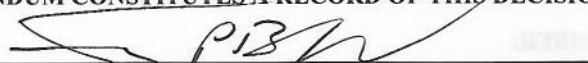
DOE has made a final NEPA determination for this award

Insert the following language in the award:

Note to Specialist :

EF2a completed by Logan Sholar

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature:  Date: 11/16/10
NEPA Compliance Officer

FIELD OFFICE MANAGER DETERMINATION

Field Office Manager review required

NCO REQUESTS THE FIELD OFFICE MANAGER REVIEW FOR THE FOLLOWING REASON:

- Proposed action fits within a categorical exclusion but involves a high profile or controversial issue that warrants Field Office Manager's attention.
- Proposed action falls within an EA or EIS category and therefore requires Field Office Manager's review and determination.

BASED ON MY REVIEW I CONCUR WITH THE DETERMINATION OF THE NCO :

Field Office Manager's Signature: _____ Date: _____
Field Office Manager